FERRO LIGHT®

dutch design

Installation Manual 'IYO'

IMPORTANT : READ COMPLETE MANUAL BEFORE INSTALLATION

Read the installation manual carefully and strictly follow the installation instructions. Not following the instructions will invalidate warranty/service claims.

CONTENTS OF PACKAGE :
- Aluminium light line, containing mounted light sources (3 strips of 8 Watt per strip).
- Two cables that connect to the light line.
- 1 x ceiling tray including one LED driver and a ceiling clip.
- 1 x pair of gloves to prevent finger prints.
- 2 x PZ2 screws (PoZi drive).
- 2 x 6mm plugs for concrete.

NOT INCLUDED IN THE PACKAGE, BUT NECESSARY :
- Drilling machine with 6mm drill bit.
- Cablestripper.
- Phillips screw driver and/or electric screw driver (for attaching the ceiling clip).
- A working electricity connection point.
- A blanket to prevent scratches.
- A ladder.

N.B.! THE SAFEST WAY TO UNPACK :
- First place the light line with the wooden protection on a flat surface. (Don't remove this protection until 'IYO' is completely installed!).
- During installation always use the supplied gloves!.
- Be careful, aluminium is delicate.
- The items preceded by ♦ are very important for successful installation!!

IT IS POSSIBLE TO USE A DIMMER ON YOUR 'IYO'
However we advise you to use our selected dimmers. These are specifically selected dimmers with LED drivers that have been tested and have minimal interference.

Do you already have a wall mounted dimmer, or should you prefer another brand of wall dimmer?
Please NOTE!
- That the dimmer needs to be compatible for LED drivers.
- Due to the low wattage use of a LED light object the dimmer should function at a minimum power that is 20 Watt or lower.
- **When you choose for our remote control dimmer, you need to replace the current dimmer by a switch (permanent power/always 'on').**

Our wall dimmer (especially designed for LED)
This dimmer is universal and fits into every existing system of all brands of dimmers with turning switches. The cover for the wall dimmer and the turning switch will need to be arranged by the customer.

Our remote control dimmer :
This dimmer has a modern design. We mount the receiver/dimmer in the ceiling tray.

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We can send your dimmer together with the light object to your reseller / light advisor. For prices please contact your light advisor.

INSTALLATION STEP 1 :

a) Determine the best spot for the light object to be mounted.
b) Mark the screw holes for the ceiling hub.
c) Drill Ø 6mm holes. **Attention**! : make sure you don't drill into electrical wires / pipes hidden under the plaster of the ceiling!

INSTALLATION STEP 2 : Connecting the cables to the ceiling tray

- Thread the cables through the 'cable grippers' (= cable holders at the bottom) of the ceiling tray.
- Measure the distance from your ceiling to the top of the table.
- Subtract 68cm from the total measured distance. This is the length that the cables need to stick out of the cable grippers. Doing so ensures that the 'IYO' hangs 60 cm above your table, which is our adviced height.
- Please note that the cables need to be the same length to ensure the 'IYO' is mounted straight.
- On the inside of the ceiling tray cut the cables with 10cm to spare.
- Remove 8mm of cable covering with a cablestripper and connect these to the screw terminal.
- **Attention!** : Please make sure the whole cable is inserted and fastened in the screw terminal!!!!.

INSTALLATION STEP 3 : Attaching the ceiling tray & cables to the ceiling

a) Shut down the electricity for the installation point.
b) Connect the 220 Volt cable (marked with black ribbon) to the electrical connection point.
c) Attach the ceiling tray to the ceiling.
d) Mount the ceiling tray (**not too tight**, so you don't deform the hub).

INSTALLATION STEP 4 : Attaching the light line to the cables

a) Be careful to insert the screws **straight,** using the supplied allen wrench and **don't over tighten** to prevent damaging the small screws.
b) Please note that the cables marked with a red sticker are connected to the red marked area. The red stickers are easily removed after installation.

Be careful not to scratch/damage the aluminium light line and light sources

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In case of the 'IYO' not functioning optimally, possible causes could be :
1) The color codes (red to red, blue to blue) are interchanged.
2) The electronic LED driver has been cut off as it is short-circuit proof.
3) One or more contacts are untight, resulting in flickering of the light sources.

Possible solutions :
a) Tighten the allen screws connecting the light line to the rods **a little bit**.
b) Use a suitable wall dimmer, as advised by your reseller.

WHEN IN DOUBT, DON'T HESITATE TO ASK FOR OUR ADVICE OR CONTACT YOUR RESELLER. YOU CAN ALWAYS CONTACT US DURING INSTALLATION! (office hours only)

REMOTE DIMMER instructions:
Your wireless Eaton (Moeller) dimmer, is preprogrammed by us via the left arrow keys

- Briefly press the upper arrow button : LIGHT is **ON**
- Briefly press and hold the upper arrow button : LIGHT is **DIMMED**
- Briefly press the lower arrow button : LIGHT is **OFF**
- Briefly press and hold the lower arrow button : **DIMMING** THE LIGHT
- Press and hold the upper arrow button : THE LIGHT **BRIGHTENS**
- Press and hold briefly the upper arrow button : **THE LAST SELECTED MODE**

GENERAL & IMPORTANT INFORMATION ABOUT 'IYO'

INSTALLATING 'IYO' YOURSELF
Read the installation manual carefully and strictly follow the installation instructions. Not following the instructions will invalidate warranty/service claims.
Spare parts are available at extra cost.

Ferrolight is not liable for any damage due to neglect, incompetence or not following instructions or advice given by Ferrolight.

WARRANTY :
1) There is a 24 month warranty on all parts, LED's included.
2) When defects are due to Ferrolight, replacement parts are sent free of charge.
3) Ferrolight never repairs on site.
4) In case of defects, send the malfunctioning part(s) directly to Ferrolight, but always consult your reseller first. Ferrolight will return the repaired/new part(s) without any charge.

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MAINTENANCE OF THE 'IYO'
Unless clearly stated otherwise in writing by Ferrolight, your 'IYO' should not be used in wet, moist or damp rooms.
'IYO' has an anodized aluminium surface which ensures that dirt and dust do not stick. However, in case of dirt or dust the 'IYO' can be cleaned with a soft damp cloth.

REPLACING LED's
Normally you never have to replace LED's, because they have a life span of more than 50.000 hours. In the very rare case of a possible defect, the complete light line must be sent to Ferrolight, via your reseller/ light advisor. Always consult you reseller / light advisor first.

TRANSPORT
- All light objects are carefully packed by Ferrolight and sent with the utmost care to the selling points.
- Ferrolight can't be held responsible for damage of any kind caused during transport.
- Immediately check the package for possible damages and the right content.
- In case of missing or damaged parts, notify your reseller within 48 hours, due to possible transport insurance claims.

Enjoy your handmade 'IYO' light object, designed and created by Ferdinand Verbeek!

Our light objects are designed and made with the utmost care and positive energy.
Questions? E-mail us at info@ferrolight.nl.
For more information about our designs visit www.ferrolight.nl

All light objects and recent designs can be viewed on our website

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